

Set	Items	Description
?	E	AU=HATA, KATSURA

Ref	Items	Index-term
E1	14	AU=HATA, KATSUNORI
E2	1	AU=HATA, KATSUO
E3	26	*AU=HATA, KATSURA
E4	4	AU=HATA, KATSUSHI GE
E5	12	AU=HATA, KATSUSUKE
E6	1	AU=HATA, KATSUSUKI
E7	1	AU=HATA, KATSUTOSHI
E8	46	AU=HATA, KATSUYA
E9	1	AU=HATA, KATSUYOSHI
E10	78	AU=HATA, KATSUYUKI
E11	1	AU=HATA, KATWI
E12	1	AU=HATA, KATUMASA

Enter P or PAGE for more

? S E3  
 S1 26 AU=' HATA, KATSURA'  
 ? RD

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S2 23 RD (unique items)

? T S2/3, K/1-23

>>>KW C option is not available in file(s): 399

2/3, K/1 (Item 1 from file: 393)

DI ALOG(R) File 393: Beilstein Database - Abstracts

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Beilstein Abstract Id: 6260038

Title: Efficacy of ER-30346, a Novel Oral Triazole Antifungal Agent, in  
 Experimental Models of Aspergillosis, Candidiasis, and  
 Cryptococcosis

Document Type: Journal Record Type: Abstract

Author: Hata, Katsura; Kimura, Junko; Miki, Hikari; Toyosawa,  
 Toshiro; Morioka, Megumi; Katsu, Kanemasa

Citation: Antimicrob. Agents & Chemother. (1996) Series: 40-10, 2243 -  
 2247 CODEN: AMACQ Language: English

Abstract Language: English

Author: Hata, Katsura; Kimura, Junko; Miki, Hikari; Toyosawa,  
 Toshiro; Morioka, Megumi; Katsu, Kanemasa

2/3, K/2 (Item 2 from file: 393)

DI ALOG(R) File 393: Beilstein Database - Abstracts

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Beilstein Abstract Id: 6260037

Title: In vitro and In Vivo Antifungal Activities of ER-30346, a Novel  
 Oral Triazole with a Broad Antifungal Spectrum

Document Type: Journal Record Type: Abstract

Author: Hata, Katsura; Kimura, Junko; Miki, Hikari; Toyosawa,  
 Toshiro; Nakamura, Toshihiro; Katsu, Kanemasa

Citation: Antimicrob. Agents & Chemother. (1996) Series: 40-10, 2237 -

10536935.txt

2242 CODEN: AMACQ Language: English  
Abstract Language: English

Author: Hata, Katsura; Kimura, Junko; Miki, Hikari; Toyosawa,  
Toshio; Nakamura, Toshihiro; Katsu, Kanemasa

2/3, K/3 (Item 1 from file: 399)  
DI ALOG(R) File 399: CA SEARCH(R)  
(c) 2010 American Chemical Society. All rights reserved.

142392428 CA: 142(21)392428c PATENT  
Preparation of heterocyclic compounds as antifungal agents  
INVENTOR(AUTHOR): Nakamoto, Kazutaka; Tsukada, Itaru; Tanaka, Keigo;  
Matsukura, Masayuki; Haneda, Toru; Inoue, Satoshi; Ueda, Norihiro; Abe,  
Shinya; Hata, Katsura; Watanabe, Naoaki  
LOCATION: Japan,  
ASSIGNEE: Eisai Co., Ltd.  
PATENT: PCT International ; WO 200533079 A1 DATE: 20050414  
APPLICATION: WO 2004JP14063 (20040927) \*JP 2003342273 (20030930) \*JP  
200468186 (20040310)

PAGES: 418 pp. CODEN: PIXXD2 LANGUAGE: Japanese  
PATENT CLASSIFICATIONS:

CLASS: C07D-209/08A; C07D-263/56B; C07D-405/12B; C07D-409/12B;  
C07D-239/48B; C07D-239/72B; C07D-241/44B; C07D-239/94B; C07D-495/04B;  
C07D-215/48B; C07D-215/38B; C07D-215/20B; C07D-215/12B; C07D-277/62B;  
C07D-217/02B; C07D-241/20B; C07D-239/42B; C07D-491/048B; C07D-471/04B;  
C07D-213/82B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;  
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;  
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;  
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;  
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ;  
; NA; SD; SL; SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;  
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR;  
NE; SN; TD; TG

2/3, K/4 (Item 2 from file: 399)  
DI ALOG(R) File 399: CA SEARCH(R)  
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141034645 CA: 141(3)34645j PATENT  
Methods of screening for compounds that inhibit the biosynthesis of  
glycosylphosphatidylinositol in malaria parasites using gene *GWT1* and  
*GWT1* enzyme  
INVENTOR(AUTHOR): Hata, Katsura; Ogawa, Kaoru; Tsukada, Itaru; Nakamoto,  
Kazutaka; Sagane, Koji; Tanaka, Keigo; Tsukahara, Kappei; Horii, Toshihiro  
LOCATION: Japan,  
ASSIGNEE: Eisai Co., Ltd.  
PATENT: PCT International ; WO 200448567 A2 DATE: 20040610  
APPLICATION: WO 2003JP14920 (20031121) \*US PV428589 (20021122)  
PAGES: 214 pp. CODEN: PIXXD2 LANGUAGE: English  
PATENT CLASSIFICATIONS:

CLASS: C12N-015/09A; C07K-014/445B  
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;  
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;  
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT;  
LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO;  
RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC;  
VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; SD; SL

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; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

2/3, K/5 (Item 3 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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140235718 CA: 140(15)235718p PATENT

Preparation of azolylethanol antifungals and protected hydroxypropionate active ester intermediates.

INVENTOR(AUTHOR): Naito, Toshihiko; Hata, Katsura; Nagasaka, Yumiko; Tsuruoka, Akihiro; Tsukada, Itaru; Yanagisawa, Manabu; Toyosawa, Toshio; Nara, Kazumasa

LOCATION: Japan,

ASSIGNEE: Eisai Co., Ltd.

PATENT: European Pat. Appl.; EP 1394142 A1 DATE: 20040303

APPLICATION: EP 200327430 (19950203) \*JP 9433268 (19940207) \*JP 94174894 (19940705) \*JP 94208203 (19940810) \*JP 94306467 (19941209) \*EP 20023137 (19950203) \*EP 95101489 (19950203)

PAGES: 138 pp. CODEN: EPXXDW LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C07C-051/087A

DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE; PT; IE

2/3, K/6 (Item 4 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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140217644 CA: 140(14)217644g PATENT

Preparation of azolylethanol antifungals and their intermediates.

INVENTOR(AUTHOR): Naito, Toshihiko; Hata, Katsura; Nagasaka, Yumiko; Tsuruoka, Akihiro; Tsukada, Itaru; Yanagisawa, Manabu; Toyosawa, Toshio; Nara, Kazumasa

LOCATION: Japan,

ASSIGNEE: Eisai Co., Ltd.

PATENT: European Pat. Appl.; EP 1394162 A1 DATE: 20040303

APPLICATION: EP 200327431 (19950203) \*JP 9433268 (19940207) \*JP 94174894 (19940705) \*JP 94208203 (19940810) \*JP 94306467 (19941209) \*EP 20023137 (19950203) \*EP 95101489 (19950203)

PAGES: 149 pp. CODEN: EPXXDW LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C07D-417/06A; A01N-043/653B; A61K-031/41B; C07D-417/14B;

C07D-409/06B; C07D-413/06B; C07D-409/14B; C07D-403/10B

DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE; PT; IE

2/3, K/7 (Item 5 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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139194280 CA: 139(13)194280y JOURNAL

Medicinal genetics approach towards identifying the molecular target of a novel inhibitor of fungal cell wall assembly

AUTHOR(S): Tsukahara, Kappei; Hata, Katsura; Nakamoto, Kazutaka; Sagane, Koji; Watanabe, Nao-aki; Kuromitsu, Junro; Kai, Junko; Tsuchiya, Mami; Ohba, Fuminori; Jigami, Yoshifumi; Yoshimatsu, Kentaro; Nagasu, Takeshi

LOCATION: Tsukuba Research Laboratories, Eisai Co., Ltd, Ibaraki, Japan, 300-2635

10536935.txt

JOURNAL: Mol. Microbiol. (Molecular Microbiology) DATE: 2003 VOLUME: 48  
NUMBER: 4 PAGES: 1029-1042 CODEN: MOMEE ISSN: 0950-382X LANGUAGE:  
English PUBLISHER: Blackwell Publishing Ltd.

2/3, K/8 (Item 6 from file: 399)  
DI ALOG(R) File 399: CA SEARCH(R)  
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139194152 CA: 139(13)194152h JOURNAL  
GWT1 gene is required for inositol acylation of  
glycosylphosphatidylinositol anchors in yeast  
AUTHOR(S): Uremura, Mariko; Okamoto, Mchiyo; Nakayama, Ken-Ichi; Sagane,  
Koji; Tsukahara, Kappei; Hata, Katsura; Jigami, Yoshifumi  
LOCATION: Research Center for Glycoscience, National Institute of  
Advanced Industrial Science and Technology, Higashi 1-1-1, Tsukuba, Ibaraki  
, Japan, 305-8566  
JOURNAL: J. Biol. Chem. (Journal of Biological Chemistry) DATE: 2003  
VOLUME: 278 NUMBER: 26 PAGES: 23639-23647 CODEN: JBCHA3 ISSN:  
0021-9258 LANGUAGE: English PUBLISHER: American Society for Biochemistry  
and Molecular Biology

2/3, K/9 (Item 7 from file: 399)  
DI ALOG(R) File 399: CA SEARCH(R)  
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136113831 CA: 136(8)113831s PATENT  
Fungal cell wall glycosylphosphatidylinositol (GPI)-anchored protein  
transport-related gene GWT1 and use in screening antifungal agents  
INVENTOR(AUTHOR): Tsukahara, Kappei; Hata, Katsura; Sagane, Koji;  
Nakamoto, Kazutaka; Tsuchiya, Mamiko; Watanabe, Naoaki; Oba, Fuminori;  
Tsukada, Itaru; Ueda, Norihiro; Tanaka, Keigo; Kai, Junko  
LOCATION: Japan,  
ASSIGNEE: Eisai Co., Ltd.  
PATENT: PCT International ; WO 200204626 A1 DATE: 20020117  
APPLICATION: WO 2001JP5899 (20010706) \*JP 2000206968 (20000707) \*JP  
2000316027 (20001017)  
PAGES: 297 pp. CODEN: PIXXD2 LANGUAGE: Japanese  
PATENT CLASSIFICATIONS:  
CLASS: C12N-015/09A; C07K-014/37B; C07K-016/14B; G01N-033/15B;  
G01N-033/50B; A61K-039/395B; A61K-045/00B; A61K-031/4355B; A61K-031/4365B;  
A61K-031/437B; A61K-031/44B; A61K-031/472B; A61K-031/4725B; A61K-031/5377B;  
A61P-031/10B; C07D-213/16B; C07D-213/61B; C07D-213/65B; C07D-213/69B;  
C07D-213/74B  
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;  
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;  
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KR; KZ; LC; LK; LR; LS; LT; LU; LV;  
MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK;  
SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ;  
MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ  
; UG; ZW AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL;  
PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

2/3, K/10 (Item 8 from file: 399)  
DI ALOG(R) File 399: CA SEARCH(R)  
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136052784 CA: 136(4)52784e PATENT  
Novel polycyclic compounds, their use as antifungal agents, and their  
manufacture with Fumicola species  
INVENTOR(AUTHOR): Hata, Katsura; Okuda, Akiyumi; Yamamoto, Satoshi;

Sakata, Noriaki; Dobashi, Kazuyuki

LOCATION: Japan,

ASSIGNEE: Mercian Corp.; Eisai Co., Ltd.

PATENT: Japan Kokai Tokkyo Koho; JP 2001354693 A2 DATE: 20011225

APPLICATION: JP 2000175023 (20000612)

PAGES: 8 pp. CODEN: JKXXAF LANGUAGE: Japanese

PATENT CLASSIFICATIONS:

CLASS: C07J-063/00A; A61K-031/57B; A61K-031/704B; A61P-031/10B;  
C07H-015/256B; C12P-033/00B; C12R-001/645B

2/3, K/11 (Item 9 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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136036488 CA: 136(3)36488f PATENT

EMF2638 manufacture with *Mortierella alpina*

INVENTOR(AUTHOR): Hata, Katsura; Fujita, Masanobu; Sakata, Noriaki;  
Tsuchihashi, Kazuyuki

LOCATION: Japan,

ASSIGNEE: Mercian Corp.; Eisai Co., Ltd.

PATENT: Japan Kokai Tokkyo Koho; JP 2001354695 A2 DATE: 20011225

APPLICATION: JP 2000175024 (20000612)

PAGES: 5 pp. CODEN: JKXXAF LANGUAGE: Japanese

PATENT CLASSIFICATIONS:

CLASS: C07K-007/06A; A61K-038/00B; A61P-031/10B; C12P-021/02B;  
C12R-001/645B

2/3, K/12 (Item 10 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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126098687 CA: 126(8)98687x JOURNAL

ER-30346. Triazole antifungal

AUTHOR(S): Naito, Toshihiro; Hata, Katsura; Tsuruoka, Akihiko

LOCATION: Department Drug Discovery, Eisai Co., Ltd., Tsukuba, Japan,  
300-26

JOURNAL: Drugs Future DATE: 1996 VOLUME: 21 NUMBER: 1 PAGES: 20-24

CODEN: DRFUD4 ISSN: 0377-8282 LANGUAGE: English PUBLISHER: Prous

2/3, K/13 (Item 11 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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125316267 CA: 125(25)316267h JOURNAL

Efficacy of ER-30346, a novel oral triazole antifungal agent, in  
experimental models of aspergillosis, candidiasis, and cryptococcosis

AUTHOR(S): Hata, Katsura; Kimura, Junko; Miki, Hikari; Toyosawa, Toshiro;  
Moriyama, Megumi; Katsu, Kanemasa

LOCATION: Tsukuba Res. Lab., Eisai Co., Ltd., Tsukuba, Japan, 300-26

JOURNAL: Antimicrob. Agents Chemother. DATE: 1996 VOLUME: 40 NUMBER:  
10 PAGES: 2243-2247 CODEN: AMACQJ ISSN: 0066-4804 LANGUAGE: English

2/3, K/14 (Item 12 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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125292322 CA: 125(23)292322u JOURNAL

In vitro and in vivo antifungal activities of ER-30346, a novel oral  
triazole with a broad antifungal spectrum

10536935.txt

AUTHOR(S): Hata, Katsura; Kimura, Junko; Miki, Hikari; Toyosawa, Toshio; Nakamura, Toshihiro; Katsu, Kanemasa  
LOCATION: Tsukuba Res. Lab., Eisai Co., Ltd., Tsukuba, Japan, 300-26  
JOURNAL: Antimicrob. Agents Chemother. DATE: 1996 VOLUME: 40 NUMBER: 10  
PAGES: 2237-2242 CODEN: AMACQ ISSN: 0066-4804 LANGUAGE: English

2/3, K/15 (Item 13 from file: 399)  
DI ALOG(R) File 399: CA SEARCH(R)  
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123340144 CA: 123(25)340144v PATENT  
Preparation of azole antifungal agents  
INVENTOR(AUTHOR): Naito, Toshihiko; Hata, Katsura; Kaku, Yumiko; Tsuruoka, Akihiko; Tsukada, Itaru; Yanagisawa, Manabu; Toyosawa, Toshio; Nara, Kazumasa  
LOCATION: Japan,  
ASSIGNEE: Eisai Co., Ltd.  
PATENT: European Pat. Appl.; EP 667346 A2 DATE: 950816  
APPLICATION: EP 95101489 (950203) \*JP 9433268 (940207) \*JP 94174894 (940705) \*JP 94208203 (940810) \*JP 94306467 (941209)  
PAGES: 153 pp. CODEN: EPXXDW LANGUAGE: English  
PATENT CLASSIFICATIONS:  
CLASS: C07D-417/06A; A01N-043/653B; A61K-031/41B; C07D-417/14B; C07D-409/06B; C07D-413/06B; C07D-409/14B; C07D-403/10B  
DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; NL; PT; SE

2/3, K/16 (Item 14 from file: 399)  
DI ALOG(R) File 399: CA SEARCH(R)  
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122150892 CA: 122(13)150892u JOURNAL  
Effects of cefclidin on experimental respiratory infection caused by Pseudomonas aeruginosa in immunosuppressed mice  
AUTHOR(S): Toyosawa, Toshio; Hata, Katsura; Ueno, Junko; Morioka, Megumi; Katsu, Kanemasa  
LOCATION: Tsukuba Res. Lab., Eisai Co., Ltd., Tsukuba, Japan, 300-26  
JOURNAL: Chemotherapy (Tokyo) DATE: 1994 VOLUME: 42 NUMBER: 11  
PAGES: 1242-6 CODEN: NKRZAZ ISSN: 0009-3165 LANGUAGE: Japanese

2/3, K/17 (Item 15 from file: 399)  
DI ALOG(R) File 399: CA SEARCH(R)  
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118000301 CA: 118(1)301d JOURNAL  
In vivo antibacterial activity of cefclidin  
AUTHOR(S): Toyosawa, Toshio; Satoh, Masaru; Sugihara, Yoshiaki; Hiruma, Ryoichi; Hata, Katsura; Morioka, Megumi; Katsu, Kanemasa; Kitoh, Kyosuke  
LOCATION: Tsukuba Res. Lab., Eisai Co., Ltd., Tsukuba, Japan, 300-26  
JOURNAL: Chemotherapy (Tokyo) DATE: 1992 VOLUME: 40 NUMBER: Suppl. 4  
PAGES: 73-80 CODEN: NKRZAZ ISSN: 0009-3165 LANGUAGE: Japanese

2/3, K/18 (Item 16 from file: 399)  
DI ALOG(R) File 399: CA SEARCH(R)  
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117188153 CA: 117(19)188153p JOURNAL  
In vitro and in vivo antibacterial activities of E1077, a novel parenteral cephalosporin with a broad antibacterial spectrum

10536935.txt

AUTHOR(S): Hata, Katsura; Otsuki, Masako; Nishino, Takeshi  
LOCATION: Dep. Microbiol., Kyoto Pharm Univ., Kyoto, Japan, 607  
JOURNAL: Antimicrob. Agents Chemother. DATE: 1992 VOLUME: 36 NUMBER: 9  
PAGES: 1894-901 CODEN: AMACQ ISSN: 0066-4804 LANGUAGE: English

2/3, K/19 (Item 17 from file: 399)  
DI ALOG(R) File 399: CA SEARCH(R)  
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117124026 CA: 117(13)124026s JOURNAL  
Effect of cefclidin and E1077, new cephalosporins, on the  
alcohol-metabolizing system in rats  
AUTHOR(S): Watanabe, Naoaki; Asakawa, Naoki; Toyosawa, Toshiro; Hiruma,  
Ryoichi; Hata, Katsura; Ueno, Junko; Katsu, Kanemasa; Yoshida, Yutaka  
LOCATION: Tsukuba Res. Lab., Eisai Co., Ltd., Tsukuba, Japan, 300-26  
JOURNAL: Jpn. J. Antibiot. DATE: 1992 VOLUME: 45 NUMBER: 4 PAGES:  
364-70 CODEN: JJANAX ISSN: 0368-2781 LANGUAGE: Japanese

2/3, K/20 (Item 18 from file: 399)  
DI ALOG(R) File 399: CA SEARCH(R)  
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109226382 CA: 109(25)226382g JOURNAL  
Comparative studies of strains Ictero No. 1 and RGA as the type strain of  
Leptospira interrogans: agglutinin absorption test, protein and antigen  
profiles, and enzyme activities  
AUTHOR(S): Hata, Katsura; Ono, Etsuro; Yanagawa, Ryo  
LOCATION: Fac. Vet. Med., Hokkaido Univ., Hokkaido, Japan, 060  
JOURNAL: Microbiol. Immunol. DATE: 1988 VOLUME: 32 NUMBER: 8 PAGES:  
817-32 CODEN: MIMDV ISSN: 0385-5600 LANGUAGE: English

2/3, K/21 (Item 1 from file: 32)  
DI ALOG(R) File 32: METADEX  
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0004775552 IP ACCESSION NO: 200909-71-1230035  
Fungal cell wall synthesis gene

Tsukahara, Kappei; Hata, Katsura; Sagane, Koji; Nakamoto, Kazutaka;  
Tsuchiya, Mamiko; Watanabe, Naoaki; Ohba, Fuminori; Tsukada, Itaru; Ueda,  
Norihiko; Tanaka, Keigo; Kai, Junko

, USA  
PUBLISHER URL:  
<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netamt/PTO/search-adv.htm&r=1&p=1&f=G&l=50&d=PTXT&S1=7541332.PN.&OS=PN/7541332&RS=PN/7541332>

DOCUMENT TYPE: Patent  
RECORD TYPE: Abstract  
LANGUAGE: English  
FILE SEGMENT: Metadex

Tsukahara, Kappei; Hata, Katsura; Sagane, Koji; Nakamoto, Kazutaka;  
Tsuchiya, Mamiko; Watanabe, Naoaki; Ohba, Fuminori; Tsukada, Itaru; Ueda,  
Norihiko...

2/3, K/22 (Item 2 from file: 32)  
DI ALOG(R) File 32: METADEX

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0002744677 IP ACCESSION NO: 200808-71-0982933  
Antifungal agents, and compositions

Naito, Toshihiro; Hata, Katsura; Kaku, Yumiko; Tsuruoka, Akihiro;  
Tsukada, Itaru; Yanagisawa, Manabu; Toyosawa, Toshiro; Nara, Kazumasa

, USA

PUBLISHER URL:

http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netacgi/PTO/search-adv.htm&r=1&p=1&f=G&l=50&d=PTXT&S1=5648372.PN.&OS=pn/5648372&RS=PN/5648372

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

FILE SEGMENT: Metadex

Naito, Toshihiro; Hata, Katsura; Kaku, Yumiko; Tsuruoka, Akihiro;  
Tsukada, Itaru; Yanagisawa, Manabu; Toyosawa, Toshiro; Nara, Kazumasa

2/3, K/23 (Item 3 from file: 32)

DIALOG(R) File 32: METADEX

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0002161983 IP ACCESSION NO: 200805-71-631352

Antifungal agents, processes for the preparation thereof, and intermediates

Naito, Toshihiro; Hata, Katsura; Kaku, Yumiko; Tsuruoka, Akihiro;  
Tsukada, Itaru; Yanagisawa, Manabu; Toyosawa, Toshiro; Nara, Kazumasa

, USA

PUBLISHER URL:

http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netacgi/PTO/search-adv.htm&r=1&p=1&f=G&l=50&d=PTXT&S1=5792781.PN.&OS=pn/5792781&RS=PN/5792781

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

FILE SEGMENT: Metadex

Naito, Toshihiro; Hata, Katsura; Kaku, Yumiko; Tsuruoka, Akihiro;  
Tsukada, Itaru; Yanagisawa, Manabu; Toyosawa, Toshiro; Nara, Kazumasa

? E AU=TSUKAHARA, KAPPEI

Ref	Items	Index-term
E1	6	AU=TSUKAHARA, KAORU
E2	1	AU=TSUKAHARA, KAORU (TOHO UNIV., TOKYO (JAPAN)). S
E3	83	*AU=TSUKAHARA, KAPPEI
E4	1	AU=TSUKAHARA, KATSUHEI
E5	1	AU=TSUKAHARA, KATSUMI
E6	1	AU=TSUKAHARA, KAYO
E7	34	AU=TSUKAHARA, KAZUE
E8	2	AU=TSUKAHARA, KAZUHI SA
E9	1	AU=TSUKAHARA, KAZUHI TO
E10	2	AU=TSUKAHARA, KAZUMI
E11	1	AU=TSUKAHARA, KAZUTA
E12	7	AU=TSUKAHARA, KAZUTAKA

Enter P or PAGE for more



? S E3  
S3 83 AU= 'TSUKAHARA, KAPPEI'  
? RD

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S4 77 RD (unique items)  
? T S4/3, K/1-5  
>>>KW C option is not available in file(s): 399

4/3, K/1 (Item 1 from file: 143)  
DI ALOG(R) File 143: Biol. & Agric. Index  
(c) 2010 The HWWilson Co. All rts. reserv.

1112945 H.W. WILSON RECORD NUMBER: BBAI 98054686  
An RNA binding protein negatively controlling differentiation in fission  
yeast  
Tsukahara, Kappei  
Yamamoto, Hanako; Okayama, Hiroto  
Molecular and Cellular Biology v. 18 no8 (Aug. 1998) p. 4488-98  
DOCUMENT TYPE: Feature Article ISSN: 0270-7306

Tsukahara, Kappei

4/3, K/2 (Item 2 from file: 143)  
DI ALOG(R) File 143: Biol. & Agric. Index  
(c) 2010 The HWWilson Co. All rts. reserv.

1029098 H.W. WILSON RECORD NUMBER: BBAI 99026829  
Isolation of a mammalian homologue of a fission yeast differentiation  
regulator  
Yamamoto, Hanako  
Tsukahara, Kappei; Kanaoka, Yoshihide  
Molecular and Cellular Biology v. 19 no5 (May 1999) p. 3829-41  
DOCUMENT TYPE: Feature Article ISSN: 0270-7306

Tsukahara, Kappei...

4/3, K/3 (Item 1 from file: 393)  
DI ALOG(R) File 393: Beilstein Database - Abstracts  
(c) 2008 Beilstein GmbH. All rts. reserv.

Beilstein Abstract Id: 6662683  
Title: Anticancer Agent E7070 Inhibits Amino Acid and Uracil Transport in  
Fission Yeast  
Document Type: Journal Record Type: Abstract  
Author: Tsukahara, Kappei; Watanabe, Tatsuo; Hata-Sugi, Naoko;  
Yoshimatsu, Kentaro; Okayama, Hiroto; Nagasu, Takeshi  
Citation: Mol. Pharmacol. (2001) Series: 60-6, 1254 - 1259 CODEN: MOPMA3  
Language: English  
Abstract Language: English

Author: Tsukahara, Kappei; Watanabe, Tatsuo; Hata-Sugi, Naoko;  
Yoshimatsu, Kentaro; Okayama, Hiroto; Nagasu, Takeshi

4/3, K/4 (Item 2 from file: 393)  
DI ALOG(R) File 393: Beilstein Database - Abstracts  
Page 9

(c) 2008 Beilstein GmbH. All rights reserved.

Beilstein Abstract Id: 6471996

Title: Synthesis and Evaluation of Novel Pyrimido-Acridone, -Phenoxadine,  
and -Carbazole as Topoisomerase II Inhibitors

Document Type: Journal Record Type: Abstract

Author: Kamata, Junichi; Okada, Toshiaki; Kotake, Yoshihiro; Niijima,  
Jun; Nakamura, Katsuji; Uenaka, Toshimitsu; Yamaguchi, Atsumi;  
Tsukahara, Kappei; Nagasu, Takeshi; Koyanagi, Nozomu;  
Kitoh, Kyosuke; et al.Citation: Chem Pharm Bull. (2004) Series: 52-9, 1071 - 1081 CODEN:  
CPBTAL Language: English

Abstract Language: English

Author: Kamata, Junichi; Okada, Toshiaki; Kotake, Yoshihiro; Niijima,  
Jun; Nakamura, Katsuji; Uenaka, Toshimitsu; Yamaguchi, Atsumi;  
Tsukahara, Kappei; Nagasu, Takeshi; Koyanagi, Nozomu;  
Kitoh, Kyosuke; et al.

4/3, K/5 (Item 1 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

(c) 2010 American Chemical Society. All rights reserved.

152280159 CA: 152(13)280159r JOURNAL

MPR1 as a novel selection marker in *Saccharomyces cerevisiae*

AUTHOR(S): Ogawa-Mtsuhashi, Kaoru; Sagane, Koji; Kuromitsu, Junro;

Takagi, Hiroshi; Tsukahara, Kappei

LOCATION: Tsukuba Research Laboratories, Eisai Co. Ltd, 5-1-3 Tokodai,  
Tsukuba, Ibaraki, Japan, 300-2635JOURNAL: Yeast (Yeast) DATE: 2009 VOLUME: 26 NUMBER: 11 PAGES:  
587-593 CODEN: YESTE3 ISSN: 0749-503X LANGUAGE: English PUBLISHER: John  
Wiley & Sons Ltd.

? E AU=TSUCHIYA, MAM KO

Ref	Items	Index-term
E1	11	*AU=TSUCHIYA, MAM KO
E2	7	AU=TSUCHIYA, MAMORU
E3	8	AU=TSUCHIYA, MANABU
E4	38	AU=TSUCHIYA, MANAM
E5	3	AU=TSUCHIYA, MARI
E6	1	AU=TSUCHIYA, MARI E HAASE
E7	8	AU=TSUCHIYA, MARI KO
E8	22	AU=TSUCHIYA, MASA
E9	17	AU=TSUCHIYA, MASA AKI
E10	1	AU=TSUCHIYA, MASAFUM
E11	1	AU=TSUCHIYA, MASAGO
E12	2	AU=TSUCHIYA, MASAHARA

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S5 11 AU=TSUCHIYA, MAM KO

? ED

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E4	1		D C ORANGE NO. 17-M
E5	2		D C ORANGE 17
E6	3		D RED BLOOD CELL
E7	1		D .
E8	1		D . DENTI FER

E9 1 D . DREHERI  
 E10 1 D . FI LI STOMA  
 E11 1 D . LY ROI DES  
 E12 1 D . M CROPS AQUI LONI US

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? S E5

S6 2 'D C ORANGE 17'

? E AU=TSUCHI YA, MAM KO

Ref	Items	Index-term
E1	11	*AU=TSUCHI YA, MAM KO
E2	7	AU=TSUCHI YA, MAMORU
E3	8	AU=TSUCHI YA, MANABU
E4	38	AU=TSUCHI YA, MANAM
E5	3	AU=TSUCHI YA, MARI
E6	1	AU=TSUCHI YA, MARI E HAASE
E7	8	AU=TSUCHI YA, MARI KO
E8	22	AU=TSUCHI YA, MASA
E9	17	AU=TSUCHI YA, MASA AKI
E10	1	AU=TSUCHI YA, MASAFUM
E11	1	AU=TSUCHI YA, MASAGO
E12	2	AU=TSUCHI YA, MASAHARA

Enter P or PAGE for more

? S E1

S7 11 AU=' TSUCHI YA, MAM KO

? RD

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S8 10 RD (unique items)

? T S8/3, K/1-10

>>>KW C option is not available in file(s): 399

8/3, K/1 (Item 1 from file: 393)

DI ALOG(R) File 393: Beilstein Database - Abstracts

(c) 2008 Beilstein GmbH. All rts. reserv.

Beilstein Abstract Id: 6154478

Title: Helicobacter pylori Urease Inhibition by Rabeprazole, a Proton Pump Inhibitor

Document Type: Journal Record Type: Abstract

Author: Tsuchiya, Mamiko; Imamura, Lisa; Park, Jong-Beak; Kobashi, Kyoichi

Citation: Biol. Pharm. Bull. (1995) Series: 18-8, 1053 - 1056 CODEN: BPBLEO Language: English

Abstract Language: English

Author: Tsuchiya, Mamiko; Imamura, Lisa; Park, Jong-Beak; Kobashi, Kyoichi

8/3, K/2 (Item 1 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

(c) 2010 American Chemical Society. All rts. reserv.

141035948 CA: 141(3)35948x PATENT

Method for screening compound inhibiting enzymatic activity of GWT1 gene product

10536935.txt

INVENTOR(AUTHOR): Tsukahara, Kappei; Tsuchiya, Mami ko; Jigami, Yoshifumi;  
Nakayama, Kenichi; Umemura, Mariko; Okamoto, Mchiyo

LOCATION: Japan,

ASSIGNEE: Eisai Co., Ltd.; National Institute of Advanced Industrial  
Science and Technology

PATENT: PCT International ; WO 200448604 A1 DATE: 20040610

APPLICATION: WO 2003JP14909 (20031121) \*JP 2002339418 (20021122)

PAGES: 94 pp. CODEN: PIXXD2 LANGUAGE: Japanese

PATENT CLASSIFICATIONS:

CLASS: C12Q-001/02A; G01N-033/50B; G01N-033/15B; C12N-015/55B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;  
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;  
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KR; KZ; LC; LK; LR; LS; LT;  
LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO;  
RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC;  
VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; SD; SL;  
SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH;  
CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE;  
SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

8/3, K/3 (Item 2 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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139194280 CA: 139(13)194280y JOURNAL

Medicinal genetics approach towards identifying the molecular target of a  
novel inhibitor of fungal cell wall assembly

AUTHOR(S): Tsukahara, Kappei; Hata, Katsura; Nakamoto, Kazutaka; Sagane,  
Koji; Watanabe, Nao-aki; Kuromitsu, Junro; Kai, Junko; Tsuchiya, Mami ko;  
Chiba, Fuminori; Jigami, Yoshifumi; Yoshimatsu, Kentaro; Nagasu, Takeshi

LOCATION: Tsukuba Research Laboratories, Eisai Co., Ltd, Ibaraki, Japan,  
300-2635

JOURNAL: Mol. Microbiol. (Molecular Microbiology) DATE: 2003 VOLUME: 48

NUMBER: 4 PAGES: 1029-1042 CODEN: MOMEE ISSN: 0950-382X LANGUAGE:

English PUBLISHER: Blackwell Publishing Ltd.

8/3, K/4 (Item 3 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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139111614 CA: 139(8)111614m PATENT

Method of screening compound having fungal cell wall synthesis inhibitory  
activity

INVENTOR(AUTHOR): Tsukahara, Kappei; Sato, Toshihiko; Nakamoto, Kazutaka;  
Tsuchiya, Mami ko; Sagane, Koji

LOCATION: Japan,

ASSIGNEE: Eisai Co., Ltd.

PATENT: PCT International ; WO 200358233 A1 DATE: 20030717

APPLICATION: WO 2002JP13807 (20021227) \*JP 2001401947 (20011228)

PAGES: 204 pp. CODEN: PIXXD2 LANGUAGE: Japanese

PATENT CLASSIFICATIONS:

CLASS: G01N-033/15A; G01N-033/50B; G01N-033/566B; A61K-045/00B;  
A61P-031/10B; C07K-014/195B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;  
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;  
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KR; KZ; LC; LK; LR; LS; LT; LU; LV;  
MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD; SE;  
SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW  
AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW;  
MZ; SD; SL; SZ; TZ; UG; ZM; ZW AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; SI; SK; TR; BF; BJ; CF; CG; CI;

CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

8/3, K/5 (Item 4 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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136113831 CA: 136(8)113831s PATENT

Fungal cell wall glycosylphosphatidylinositol (GPI)-anchored protein transport-related gene *GMT1* and use in screening antifungal agents

INVENTOR(AUTHOR): Tsukahara, Kappei; Hata, Katsura; Sagane, Koji; Nakamoto, Kazutaka; Tsuchiya, Mamiko; Watanabe, Naoaki; Oba, Fuminori; Tsukada, Itaru; Ueda, Norihiro; Tanaka, Keigo; Kai, Junko

LOCATION: Japan,

ASSIGNEE: Eisai Co., Ltd.

PATENT: PCT International ; WO 200204626 A1 DATE: 20020117

APPLICATION: WO 2001JP5899 (20010706) \*JP 2000206968 (20000707) \*JP 2000316027 (20001017)

PAGES: 297 pp. CODEN: PIXXD2 LANGUAGE: Japanese

PATENT CLASSIFICATIONS:

CLASS: C12N-015/09A; C07K-014/37B; C07K-016/14B; G01N-033/15B; G01N-033/50B; A61K-039/395B; A61K-045/00B; A61K-031/4355B; A61K-031/4365B; A61K-031/437B; A61K-031/44B; A61K-031/472B; A61K-031/4725B; A61K-031/5377B; A61P-031/10B; C07D-213/16B; C07D-213/61B; C07D-213/65B; C07D-213/69B; C07D-213/74B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

8/3, K/6 (Item 5 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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130220288 CA: 130(17)220288t JOURNAL

Studies on crude drugs effective on growth of *Helicobacter pylori*. Growth inhibitors in *Kaempferia* *Rhizoma*

AUTHOR(S): Inada, Akira; Nakaniishi, Tsutomu; Imamura, Lisa; Tsuchiya, Mamiko; Kobashi, Kyoichi

LOCATION: Faculty of Pharmaceutical Sciences, Setsunan University, Osaka, Japan, 573-01

JOURNAL: Int. Congr. Ser. DATE: 1998 VOLUME: 1157 NUMBER: Towards Natural Medicine Research in the 21st Century PAGES: 319-326 CODEN: EXMDA4 ISSN: 0531-5131 LANGUAGE: English PUBLISHER: Elsevier Science B. V.

8/3, K/7 (Item 6 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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124140618 CA: 124(11)140618m JOURNAL

Inhibition of urease and growth of *Helicobacter pylori* by herb extracts

AUTHOR(S): Imamura, Lisa; Tsuchiya, Mamiko; Inada, Akira; Nakaniishi, Tsutomu; Kobashi, Kyoichi

LOCATION: Faculty of Pharmaceutical Sciences, Toyama Medical and Pharmaceutical Univ., Japan,

JOURNAL: Nakan Iyaku-gaku Zasshi DATE: 1995 VOLUME: 12 NUMBER: 2

10536935.txt

PAGES: 129-36 CODEN: WZAEI ISSN: 1340-6302 LANGUAGE: English

8/3, K/8 (Item 7 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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123249869 CA: 123(19)249869z JOURNAL

Helicobacter pylori urease inhibition by rabeprazole, a proton pump inhibitor

AUTHOR(S): Tsuchiya, Mamiko; Imamura, Lisa; Park, Jong-Beak; Kobashi, Kyoichi

LOCATION: Faculty of Pharmaceutical Sciences, Toyama Medical and Pharmaceutical University, Toyama, Japan, 930-01

JOURNAL: Biol. Pharm. Bull. DATE: 1995 VOLUME: 18 NUMBER: 8 PAGES: 1053-6 CODEN: BPBLEO ISSN: 0918-6158 LANGUAGE: English

8/3, K/9 (Item 8 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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122285311 CA: 122(23)285311z JOURNAL

Inhibition of Helicobacter pylori urease activity by hydroxamic acid derivatives

AUTHOR(S): Odake, Shinjiro; Morikawa, Tadanori; Tsuchiya, Mamiko; Imamura, Lisa; Kobashi, Kyoichi

LOCATION: Research Laboratories II, Fuji Chemical Industries, Ltd., Toyama, Japan, 933

JOURNAL: Biol. Pharm. Bull. DATE: 1994 VOLUME: 17 NUMBER: 10 PAGES: 1329-32 CODEN: BPBLEO ISSN: 0918-6158 LANGUAGE: English

8/3, K/10 (Item 1 from file: 32)

DIALOG(R) File 32: METADEX

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0004775552 IP ACCESSION NO: 200909-71-1230035

Fungal cell wall synthesis gene

Tsukahara, Kappei; Hata, Katsura; Sagane, Koji; Nakamoto, Kazutaka; Tsuchiya, Mamiko; Watanabe, Naoaki; Ohba, Fuminori; Tsukada, Itaru; Ueda, Norihiro; Tanaka, Keigo; Kai, Junko

, USA

PUBLISHER URL:

<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO2&Sect2=HITOFF&u=/netacgi/PTOsearch-adv.htm&r=1&p=1&f=G&l=50&d=PTXT&S1=7541332.PN.&OS=PN/7541332&RS=PN/7541332>

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

FILE SEGMENT: Metadex

Tsukahara, Kappei; Hata, Katsura; Sagane, Koji; Nakamoto, Kazutaka; Tsuchiya, Mamiko; Watanabe, Naoaki; Ohba, Fuminori; Tsukada, Itaru; Ueda, Norihiro; Tanaka, Keigo; Kai, Junko  
? E AU=JIGAM, YOSHI FUM

Ref Items Index-term

E1 1 AU=JIGAM, Y.\*

E2 6 AU=JIGAM, Y\*

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E4      4   AU=JI GAM , YOSHI FUM *
E5      2   AU=JI GAM , YOSHI HUM
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E8      4   AU=JI GAN WANG
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E12     1   AU=JI GANG A

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     274 AU=JI GAM , YOSHI FUM
      4   AU=JI GAM , YOSHI FUM *
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      1   AU=JI GAM A Y

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S9 288 E1-E6

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>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

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Processing

Processing

Processed 10 of 55 files ...

Processing

Processing

Processed 20 of 55 files ...

Processing

Processed 30 of 55 files ...

Processing

Processed 40 of 55 files ...

Processing

Processed 50 of 55 files ...

Completed processing all files

215 S10

169 ?I NOSI TOL?

S11 0 S10 AND ?I NOSI TOL?

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S3	83	AU=' TSUKAHARA, KAPPEI '
S4	77	RD (unique items)
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S6	2	' D C ORANGE 17'
S7	11	AU=' TSUCHI YA, MAM KO
S8	10	RD (unique items)
S9	288	E1-E6
S10	215	RD (unique items)
S11	0	S10 AND ?I NOSI TOL?

? e au=j i gami , yoshi fumi

Ref	Items	Index-term
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E2	6	AU=JI GAM, Y*
E3	274	*AU=JI GAM, YOSHI FUM
E4	4	AU=JI GAM, YOSHI FUM *
E5	2	AU=JI GAM, YOSHI HUM
E6	1	AU=JI GAM A Y
E7	1	AU=JI GAM AN, GREGORY Z
E8	4	AU=JI GAM WANG
E9	1	AU=JI GAM, C.
E10	1	AU=JI GAM, WANG
E11	1	AU=JI GANASA, AM N
E12	1	AU=JI GANG A

Enter P or PAGE for more

? s e1-e6 and ( GMT)

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274	AU=JI GAM, YOSHI FUM
4	AU=JI GAM, YOSHI FUM *
2	AU=JI GAM, YOSHI HUM
1	AU=JI GAM A Y
592	GMT

S12

? s e1-e6

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6	AU=JI GAM, Y*
274	AU=JI GAM, YOSHI FUM
4	AU=JI GAM, YOSHI FUM *
2	AU=JI GAM, YOSHI HUM
1	AU=JI GAM A Y

S13

288 E1-E6

? s s13 and ( cerevis?)

288	S13
806176	CEREVI S?

S14

146 S13 AND ( CEREVI S?)

? s s14 and ( fung? or yeast)

146	S14
4370419	FUNG?
1455500	YEAST

S15

111 S14 AND ( FUNG? OR YEAST)

? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S16	88	RD (unique items)
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? t s16/3, k/1-5

>>>KWC option is not available in file(s): 399

16/3, K/1 (Item 1 from file: 24)  
 DIALOG(R) File 24: CSA Life Sciences Abstracts  
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0003853883 IP ACCESSI ON NO: 10843386  
 Production of human beta -hexosami nase A with hi ghly phosphoryl ated  
 N-glycans by the over expressi on of the Cgat aea mi nut a MN4 gene

Akeboshi, Hi romi; Kasahara, Yoshi ko; Tsuji, Dai suke; Itoh, Kohji;  
 Sakuraba, Hi toshi; Chi ba, Yasunori; Ji gami, Yoshi fumi



10536935.txt

[mailto:y-chiba@ist.go.jp; jigami.yoshi@ist.go.jp]

Glycobiology, v 19, n 9, p 1002-1009, September 2009  
PUBLICATION DATE: 2009

PUBLISHER: Oxford University Press, Oxford Journals, Great Clarendon Street  
Oxford OX2 6DP UK

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 0959-6658

ELECTRONIC ISSN: 1460-2423

FILE SEGMENT: Al g o l o g y, M y c o l o g y & P r o t o z o o l o g y A b s t r a c t s ( M c r o b i o l o g y C)  
Akeboshi, Hiromi; Kasahara, Yoshiko; Tsuji, Daisuke; Itoh, Kohji;  
Sakuraba, Hitoshi; Chiba, Yasunori; Jigami, Yoshifumi

ABSTRACT:

... potentially therapeutic enzyme for GM2-gangliosidosis. Recombinant HexA has been produced by using the methylotrophic yeast *Ogataea minuta* as a host, and the purified enzyme was tested for its replacement effect...

... of recombinant beta-hexosaminidase A N-glycans is suggested to be prerequisite. In the budding yeast *Saccharomyces cerevisiae*, the overexpression of *MNN4*, which encodes a positive regulator of mannosyl phosphate transferase, led to increased...

... gene under the control of the alcohol oxidase promoter in a beta-hexosaminidase A-producing yeast strain. Structural analysis of pyridylamine-labeled N-glycans by high-performance liquid chromatography revealed that...

... DESCRIPTORS: chromatography; N-glycans; Phosphorylation; Promoters; beta-N-double prime Acetylhexosaminidase; genomes; lysosomal storage diseases; *Saccharomyces cerevisiae*

16/3, K/2 (Item 2 from file: 24)  
DI ALOG(R) File 24: CSA Life Sciences Abstracts  
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0003851680 IP ACCESSION NO: 10835482  
Development of valuable yeast strains using a novel mutagenesis technique for the effective production of therapeutic glycoproteins

Abe, Hiroko; Takaoka, Yuki; Chiba, Yasunori; Sato, Natsuko; Ohgiya, Satoru; Itadani, Akiyo; Hirashima, Mitsuomi; Shimoda, Chikashi;  
Jigami, Yoshifumi; Nakayama, Ken-ichi  
2 Health Technology Research Center, National Institute of Advanced Industrial Science and Technology (AIST), 2217-14, Hayashi, Takamatsu, Kagawa 761-0395, [mailto:k-nakayama@ist.go.jp]

Glycobiology, v 19, n 4, p 428-436, April 2009  
PUBLICATION DATE: 2009

PUBLISHER: Oxford University Press, Oxford Journals, Great Clarendon Street  
Oxford OX2 6DP UK

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 0959-6658

ELECTRONIC ISSN: 1460-2423

FILE SEGMENT: Al g o l o g y , M y c o l o g y & P r o t o z o o l o g y A b s t r a c t s ( M c r o b i o l o g y C )

Devel opment of val uable yeast strains using a novel mutagenesi s  
technique for the effective production of therapeutic glycoprotei ns

... Hi roko; Takaoka, Yuki; Chi ba, Yasunori; Sat o, Nat suko; Chgi ya,  
Satoru; Itadani, Aki ko; Hirashi ma, Mtsuomi; Shi moda, Chi kashi;  
Ji gami, Yoshi fum; Nakayama, Ken-ichi

#### ABSTRACT:

Yeast cells producing mammalian-type N-linked oligosaccharide show severe growth defects and the decreased protein productivity because of the disruption of yeast-specific glycosyltransferases. This decreased protein productivity in engineered yeast strains is an obstacle to the development of efficient glycoprotein production in yeast. For economic and effective synthesis of such therapeutic glycoproteins in yeast, the development of appropriate strains is highly desirable. We applied a novel mutagenesis technique that...

...the proofreading-deficient DNA polymerase delta variant encoded by the pol3-01 gene of *Saccharomyces cerevisiae* or the cdc6-1 gene of *Schizosaccharomyces pombe* to the engineered *S. cerevisiae* TLY20 strain and *S. pombe* KT97 strain, respectively. TLY20, which is deficient in the outer...

...strain, too. The development of these new mutants by the combination of genetic engineering of yeast and this mutagenesis technique are major breakthroughs for the production of therapeutic glycoproteins in engineered yeast cells.

... DESCRIPTORS: directed DNA polymerase; Economics; Genetic engineering;  
Genetically engineered microorganisms; Glycoproteins;  
Glycosyltransferase; Mutagenesis; mannan; oligosaccharides;  
*Saccharomyces cerevisiae*; *Schizosaccharomyces pombe*

16/3, K/3 (Item 3 from file: 24)  
DI ALOG(R) File 24: CSA Life Sciences Abstracts  
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0003820073 I P ACCESSI ON NO: 10243888  
Upregulation of Genes Involved in Gluconeogenesis and the Glyoxylate Cycle  
Suppressed the Drug Sensitivity of an N-Glycan-Deficient *Saccharomyces cerevisiae* Mutant

Abe, Hi roko; Fujita, Yasuko; Chi ba, Yasunori; Ji gami, Yoshi fum;  
Nakayama, Ken-ichi  
Health Technology Research Center, National Institute of Advanced  
Industrial Science and Technology (AIST)

Bi osci ence, Bi otechnol ogy, and Bi ochemi stry, v 73, n 6, p 1398-1403, 2009  
PUBLI CATI ON DATE: 2009

PUBLI SHER: Japan Soci ety for Bi osci ence, Bi otechnol ogy, and Agrochemi stry -  
Ni ppon Nogei kagaku Kai, 2-4-16 Yayoi bunkyo-ku Tokyo 113-0032 Japan,  
[URL: <http://www.jsbba.or.jp>]  
PUBLI SHER URL: [URL: <http://www.jstage.jst.go.jp/article/bbb/73/6/1398/pdf>]

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English  
 ISSN: 0916-8451  
 ELECTRONIC ISSN: 1347-6947  
 FILE SEGMENT: Genetics Abstracts; Al g o l o g y, M y c o l o g y & P r o t o z o o l o g y  
 Abstracts ( M c r o b i o l o g y C ); B i o t e c h n o l o g y R e s e a r c h A b s t r a c t s

... Gluconeogenesis and the Glyoxylate Cycle Suppressed the Drug Sensitivity  
 of an N-Glycan-Deficient *Saccharomyces cerevisiae* Mutant

Abe, Hiroko; Fujita, Yasuko; Chiba, Yasunori; Jigami, Yoshifumi;  
 Nakayama, Ken-ichi

ABSTRACT:

*Saccharomyces cerevisiae* strain TIY20, which produces a mammalian  
 high-mannose type N-glycan, exhibits a severe growth defect due to  
 disruption of yeast-specific outer chain mannosyltransferases. We  
 have isolated a more fit strain, YAB103, from TIY20 by...

... DESCRIPTORS: Evolution; Gene expression; Gluconeogenesis; Glucose;  
 Glyoxylate cycle; Mannose; Mutagenesis; N-glycans; glucans;  
 hygromycin B; *Saccharomyces cerevisiae*  
 ... SUBJECTS: Fungi; 03310

16/3, K/4 (Item 4 from file: 24)  
 DIALOG(R) File 24: CSA Life Sciences Abstracts  
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0003689371 I P ACCESSION NO: 7877418  
 Interaction of GDP-4-keto-6-deoxymannose-3,5-epimerase-4-reductase with  
 GDP-mannose-4,6-dehydratase stabilizes the enzyme activity for formation of  
 GDP-fucose from GDP-mannose

Nakayama, Ken-ichi; Maeda, Yumi; Jigami, Yoshifumi

Glycobiology, v 13, n 10, p 673, October 2003  
 PUBLICATION DATE: 2003

PUBLISHER: Oxford University Press, Oxford Journals, Great Clarendon Street

DOCUMENT TYPE: Journal Article  
 RECORD TYPE: Abstract  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English  
 ISSN: 0959-6658  
 ELECTRONIC ISSN: 1460-2423  
 FILE SEGMENT: Al g o l o g y, M y c o l o g y & P r o t o z o o l o g y A b s t r a c t s ( M c r o b i o l o g y C )

Nakayama, Ken-ichi; Maeda, Yumi; Jigami, Yoshifumi

ABSTRACT:

... keto-6-deoxymannose-3,5-epimerase-4-reductase gene from *Arabidopsis*  
*thaliana* (AtFX/GER1). The yeast *Saccharomyces cerevisiae* was  
 transfected with the AtFX/GER1 gene coexpressed with  
 GDP-mannose-4,6-dehydratase gene...

... activity was analyzed by measuring the amount of GDP-fucose produced in  
 the cytoplasm of yeast cells. The amount of GDP-fucose in cells  
 coexpressing MUR1 and AtFX/GER1 genes was...

...this coexpression system is suitable for production of the valuable sugar nucleotide GDP-fucose in yeast.

DESCRIPTORS: Cytoplasm; Enzymes; GDP-fucose; GDP-mannose; Immunoprecipitation; Nucleotides; Sugar; Arabidopsis thaliana; Saccharomyces cerevisiae

16/3, K/5 (Item 5 from file: 24)  
 DIALOG(R) File 24: CSA Life Sciences Abstracts  
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0003686482 IP ACCESSION NO: 7288511  
 Functional Analysis of Arabidopsis thaliana RHM2/MUM4, a Multidomain Protein Involved in UDP-D-glucose to UDP-L-rhamnose Conversion

Oka, Takuji; Nemoto, Tadashi; Jigami, Yoshifumi  
 Research Center for Glycoscience and the Biological Information Research Center, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba, Ibaraki 305-8566, Japan

Journal of Biological Chemistry, v 282, n 8, p 5389-5403, February 2007  
 PUBLICATION DATE: 2007

PUBLISHER: American Society for Biochemistry and Molecular Biology, 9650 Rockville Pike Bethesda MD 20814-3996 USA, [mailto:asbmb@asbmb.faseb.org], [URL: http://www.jbc.org]

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 0021-9258

ELECTRONIC ISSN: 1083-351X

FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Algology, Mycology & Protozoology Abstracts (Microbiology C)

Oka, Takuji; Nemoto, Tadashi; Jigami, Yoshifumi

#### ABSTRACT:

... 4-keto-L-rhamnose 4-keto-reductase activities in the cytoplasm when expressed in the yeast Saccharomyces cerevisiae. Functional domain analysis revealed that the N-terminal region of RHM2 (RHM2-N; amino acids...

...DESCRIPTORS: activity; Feedback inhibition; Genomes; Kinetics; Mucilage; Nucleotides; Seeds; Site-directed mutagenesis; Sugar; Arabidopsis thaliana; Saccharomyces cerevisiae  
 ? e au=nakayama, keni chi

Ref	Items	Index-term
E1	31	AU=NAKAYAMA, KENGO
E2	4	AU=NAKAYAMA, KENI CH
E3	165	*AU=NAKAYAMA, KENI CHI
E4	1	AU=NAKAYAMA, KENI CHI RO
E5	359	AU=NAKAYAMA, KENJI
E6	1	AU=NAKAYAMA, KENJI (CHUBU ELECTRIC POWER CO., INC
E7	16	AU=NAKAYAMA, KENJI RO
E8	1	AU=NAKAYAMA, KENPEI
E9	58	AU=NAKAYAMA, KENSAKU
E10	14	AU=NAKAYAMA, KENSEI

E11 1 AU=NAKAYAMA, KENSHI  
E12 1 AU=NAKAYAMA, KENSHO

Enter P or PAGE for more

? s e3  
S17 165 AU=' NAKAYAMA, KENI CHI '  
? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S18 157 RD (unique items)  
? s s18 and (GMT)  
157 S18  
592 GMT  
S19 0 S18 AND (GMT)  
? s s18 and (fung? or cerevis?)  
157 S18  
4370419 FUNG?  
806176 CEREVI S?  
S20 12 S18 AND (FUNG? OR CEREVI S?)  
? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S21 12 RD (unique items)  
? t s21/3, k/1-12  
>>>KW C option is not available in file(s): 399

21/3, K/1 (Item 1 from file: 399)  
DI ALOG(R) File 399: CA SEARCH(R)  
(c) 2010 American Chemical Society. All rts. reserv.

151280984 CA: 151(13)280984k PATENT  
Development of yeast strains with promoted glyconeogenesis and production  
of glycoproteins and .beta.-glucan  
INVENTOR(AUTHOR): Abe, Hiroko; Fujita, Yasuko; Nakayama, Keni chi; Chi ba,  
Yasunori; Jigami, Yoshifumi; Fujitani, Yoshiyuki; Katagiri, Nobuyoshi  
LOCATION: Japan,  
ASSIGNEE: National Institute of Advanced Industrial Science & Technology;  
Neo-Morgan Laboratory Incorporated.  
PATENT: Japan Kokai Tokkyo Koho; JP 2009183283 A DATE: 20090820  
APPLICATION: JP 20094310 (20090113) \*JP 20084850 (20080111)  
PAGES: 26pp. CODEN: JKXXAF LANGUAGE: Japanese  
PATENT CLASSIFICATIONS:  
IPC/8 + Level Value Position Status Version Action Source Office:  
C12N-0015/09 A I F B 20060101 20090724 H JP  
C12N-0001/19 A I L B 20060101 20090724 H JP  
C12P-0021/02 A I L B 20060101 20090724 H JP  
C12P-0019/04 A I L B 20060101 20090724 H JP

21/3, K/2 (Item 2 from file: 399)  
DI ALOG(R) File 399: CA SEARCH(R)  
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148231459 CA: 148(11)231459x PATENT  
Robust, thermotolerant yeasts as expression hosts for the fermentation of  
Page 21

10536935.txt

glycoproteins or .beta.-glucan

INVENTOR(AUTHOR): Abe, Hiroko; Nakayama, Kenichi; Jigami, Yoshifumi;  
Chiba, Yasunori; Takaoka, Yuki; Itadani, Aiko

LOCATION: Japan,

ASSIGNEE: National Institute of Advanced Industrial Science and  
Technology; Neo-Morgan Laboratory Incorporated

PATENT: U.S. Pat. Appl. Publ.; US 20080038778 A1 DATE: 20080214

APPLICATION: US 2007713540 (20070302) \*JP 2006193445 (20060714) \*JP  
200731396 (20070212) \*JP 200744796 (20070225)

PAGES: 41pp. CODEN: USXXCO LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: 000435000

IPC/8 + Level Value Position Status Version Action Source Office:

C12P-0021/00 A I F B 20060101 20080214 H US

C12N-0001/16 A I L B 20060101 20080214 H US

21/3, K/3 (Item 3 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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145286083 CA: 145(15)286083p PATENT

Production of UDP-xylose in yeast transformed with Arabidopsis

UDP-glucose dehydrogenase gene and UDP-glucuronate decarboxylase gene

INVENTOR(AUTHOR): Oka, Takuji; Nakayama, Kenichi; Jigami, Yoshifumi

LOCATION: Japan,

ASSIGNEE: National Institute of Advanced Industrial Science and  
Technology

PATENT: PCT International; WO 200693289 A1 DATE: 20060908

APPLICATION: WO 2006JP304147 (20060303) \*JP 200560476 (20050304) \*JP  
2005289481 (20051003)

PAGES: 27pp. CODEN: PIXXD2 LANGUAGE: Japanese

PATENT CLASSIFICATIONS:

IPC/8 + Level Value Position Status Version Action Source Office:

C12N-0015/00 A I F B 20060101 H JP

C12N-0001/15 A I L B 20060101 H JP

C12N-0001/19 A I L B 20060101 H JP

C12N-0001/21 A I L B 20060101 H JP

C12N-0005/10 A I L B 20060101 H JP

C12N-0009/04 A I L B 20060101 H JP

C12N-0015/09 A I L B 20060101 H JP

C12P-0019/30 A I L B 20060101 H JP

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;  
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;  
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK;  
LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ;  
OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR;  
TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA DESIGNATED REGIONAL: AT; BE; BG; CH  
; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC;  
NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; OF; OG; CI; OM; GA; GN; GQ; GW; ML;  
MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM;  
ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

21/3, K/4 (Item 4 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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141035948 CA: 141(3)35948x PATENT

Method for screening compound inhibiting enzymatic activity of GWT1 gene  
product

INVENTOR(AUTHOR): Tsukahara, Kappei; Tsuchiya, Mami; Jigami, Yoshifumi;  
Nakayama, Kenichi; Uremura, Mariko; Okamoto, Mchiyo

LOCATI ON: Japan,  
 ASSI GNEE: Eisai Co., Ltd.; National Institute of Advanced Industrial  
 Science and Technology

PATENT: PCT International ; WO 200448604 A1 DATE: 20040610

APPLI CATI ON: WO 2003JP14909 (20031121) \*JP 2002339418 (20021122)

PAGES: 94 pp. CODEN: PIXXD2 LANGUAGE: Japanese

PATENT CLASSI FI CATI ONS:

CLASS: C12Q 001/02A; G01N 033/50B; G01N 033/15B; C12N 015/55B

DESI GNATED COUNTRI ES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;  
 BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;  
 GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KR; KZ; LC; LK; LR; LS; LT;  
 LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO;  
 RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC;  
 VN; YU; ZA; ZM; ZW DESI GNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; SD; SL;  
 SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH;  
 CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE;  
 SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

21/3, K/5 (Item 5 from file: 399)

DI ALOG( R) Fi le 399: CA SEARCH( R)

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127077919 CA: 127(6)77919e PATENT

Cloning of gene MN6 encoding mannose-1-phosphate transferase from  
 Saccharomyces cerevisiae

I NVENTOR( AUTHOR): Chi gami , Yoshi fum i ; Nakayama, Keni chi ; Shi nma, Yoi chi ;

O, Akiteru

LOCATI ON: Japan,

ASSI GNEE: Agency of Industrial Sciences and Technology

PATENT: Japan Kokai Tokkyo Koho ; JP 97135689 A2 ; JP 09135689 DATE:

19970527

APPLI CATI ON: JP 95299509 (19951117)

PAGES: 18 pp. CODEN: JKXXAF LANGUAGE: Japanese

PATENT CLASSI FI CATI ONS:

CLASS: C12N 015/09A; C07H 021/04B; C12N 001/19B; C12N 009/12B;

C12P 019/26B; C12R 001/865B

21/3, K/6 (Item 6 from file: 399)

DI ALOG( R) Fi le 399: CA SEARCH( R)

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122008218 CA: 122(1)8218k PATENT

Recombinant manufacture of mannose-high proteins with yeast mutant

I NVENTOR( AUTHOR): Chi kami , Yoshi fum i ; Nakani shi , Yoko; Nakayama, Keni chi ;

Tanaka, Atsushi

LOCATI ON: Japan,

ASSI GNEE: Kogyo Gijutsuin; Asahi Chemical Ind

PATENT: Japan Kokai Tokkyo Koho ; JP 94277086 A2 ; JP 06277086 DATE:

941004

APPLI CATI ON: JP 92297469 (921106)

PAGES: 14 pp. CODEN: JKXXAF LANGUAGE: Japanese

PATENT CLASSI FI CATI ONS:

CLASS: C12P 019/26A; C12N 001/16B; C12P 021/00B; C12N 015/52;

C12P 019/26J; C12R 001/865J; C12P 021/00K; C12R 001/865K

21/3, K/7 (Item 7 from file: 399)

DI ALOG( R) Fi le 399: CA SEARCH( R)

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121228884 CA: 121(19)228884u JOURNAL

10536935.txt

Production of human glycoprotein pancreatic .alpha.-amylase in

.DELTA.och1 mn1 mutant of *Saccharomyces cerevisiae*

AUTHOR(S): Nakayama, Kenichi; Shimma, Yohichi; Shindo, Yoko; Jigami, Yoshifumi

LOCATION: Natl. Inst. Biosci. Hum-Technol., Tsukuba, Japan, 305

JOURNAL: Seimei Kagaku Kogyo Gijutsu Kenkyusho Kenkyu Hokoku DATE: 1994

VOLUME: 2 NUMBER: 4 PAGES: 7-10 CODEN: SKGIEM ISSN: 0919-5351

LANGUAGE: Japanese

21/3, K/8 (Item 8 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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119245061 CA: 119(23)245061z JOURNAL

Structure of the N-linked oligosaccharides that show the complete loss of

.alpha.-1,6-polymannose outer chain from och1, och1 mn1, and och1 mn1

alg3 mutants of *Saccharomyces cerevisiae*

AUTHOR(S): Nakaniishi-Shindo, Yoko; Nakayama, Kenichi; Tanaka, Atsushi; Toda, Yoshiko; Jigami, Yoshifumi

LOCATION: Natl. Inst. Biosci. Hum Technol., Tsukuba, Japan, 305

JOURNAL: J. Biol. Chem DATE: 1993 VOLUME: 268 NUMBER: 35 PAGES: 26338-45 CODEN: JBCHA3 ISSN: 0021-9258 LANGUAGE: English

21/3, K/9 (Item 9 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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119003845 CA: 119(1)3845r JOURNAL

OCH1 encodes a novel membrane bound mannosyltransferase: outer chain elongation of asparagine-linked oligosaccharides

AUTHOR(S): Nakayama, Kenichi; Nagasu, Takeshi; Shimma, Yohichi;

Kuromitsu, Junro; Jigami, Yoshifumi

LOCATION: Natl. Chem Lab. Ind., Tsukuba, Japan,

JOURNAL: EMBO J. DATE: 1992 VOLUME: 11 NUMBER: 7 PAGES: 2511-19

CODEN: EMJODG ISSN: 0261-4189 LANGUAGE: English

21/3, K/10 (Item 10 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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118164758 CA: 118(17)164758j JOURNAL

Analysis of OCH1 protein related to outer chain addition in yeast

AUTHOR(S): Nakayama, Kenichi; Nagasu, Takeshi; Kuromitsu, Junro; Jigami, Yoshifumi

LOCATION: Natl. Chem Lab. Ind., Tsukuba, Japan, 305

JOURNAL: Nippon Ishi kin Gakkai Zasshi DATE: 1992 VOLUME: 33 NUMBER: 3

PAGES: 289-95 CODEN: NIGZE4 ISSN: 0916-4804 LANGUAGE: Japanese

21/3, K/11 (Item 11 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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117128044 CA: 117(13)128044u JOURNAL

Isolation of new temperature-sensitive mutants of *Saccharomyces cerevisiae* deficient in mannose outer chain elongation

AUTHOR(S): Nagasu, Takeshi; Shimma, Yohichi; Nakaniishi, Yoko; Kuromitsu, Junro; Iwama, Kiyoshi; Nakayama, Kenichi; Suzuki, Katsunori; Jigami, Yoshifumi

LOCATION: Tsukuba Res. Lab., Eisai Co., Ltd., Tsukuba, Japan, 300-26



10536935.txt

JOURNAL: Yeast DATE: 1992 VOLUME: 8 NUMBER: 7 PAGES: 535- 47 CODEN: YESTE3 ISSN: 0749- 503X LANGUAGE: English

21/3, K/12 (Item 12 from file: 399)  
DI ALOG(R) File 399: CA SEARCH(R)  
(c) 2010 American Chemical Society. All rts. reserv.

116002319 CA: 116(1)2319y PATENT  
Synergistic mothproofing agents containing emperthrin and cycl ohexanone  
oxide  
INVENTOR(AUTHOR): Aikawa, Teiichi; Yamamoto, Noboru; Nakahara, Kazue;  
Nakayama, Kenichi  
LOCATI ON: Japan,  
ASSIGNEE: Kobayashi Pharmaceutical Co., Ltd.  
PATENT: Japan Kokai Tokkyo Koho ; JP 9174308 A2 ; JP 0374308 DATE:  
910328  
APPLI CATION: JP 89208795 (890811)  
PAGES: 5 pp. CODEN: JKXXAF LANGUAGE: Japanese  
PATENT CLASSI FI CATIONS:  
CLASS: A01N-053/00A; D06M-023/00; A01N-053/00J; A01N-035/10J;  
A01N-037/10J  
? e au=umemura, mariko

Ref	Items	Index-term
E1	6	AU=UMEMURA, MAKI
E2	17	AU=UMEMURA, MAMORU
E3	14	*AU=UMEMURA, MARI KO
E4	5	AU=UMEMURA, MASAFUMI
E5	1	AU=UMEMURA, MASAHARU
E6	13	AU=UMEMURA, MASAHI RO
E7	10	AU=UMEMURA, MASAKAZU
E8	5	AU=UMEMURA, MASANARI
E9	16	AU=UMEMURA, MASAO
E10	2	AU=UMEMURA, MASARU
E11	45	AU=UMEMURA, MASASHI
E12	2	AU=UMEMURA, MASASI

Enter P or PAGE for more

? s e3  
S22 14 AU=' UMEMURA, MARI KO  
? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S23 9 RD (unique items)

? t s23/3, k/1-9

>>>KW C option is not available in file(s): 399

23/3, K/1 (Item 1 from file: 24)  
DI ALOG(R) File 24: CSA Life Sciences Abstracts  
(c) 2010 CSA. All rts. reserv.

0003686181 IP ACCESSI ON NO: 7270589  
PER1 Is Required for GPI-Phospholipase A sub(2) Activity and Involved in  
Lipid Remodeling of GPI-anchored Proteins

Fujita, Mrihi sa; Umemura, Mariko; Yoko-O, Takehi ko; Jigami,  
Yoshifumi

10536935.txt

Molecular Biology of the Cell, v 17, n 12, p [np], December 2006  
PUBLICATION DATE: 2006

PUBLISHER: BioMed Central Ltd., Middlesex House 34-42 Cleveland Street  
London W1T 4LB UK, [mailto:info@biomedcentral.com],  
[URL: http://www.biomedcentral.com]

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 1059-1524

ELECTRONIC ISSN: 1059-1524

NUMBERS: Article No. 5253-5264

FILE SEGMENT: Algalogy, Mycology & Protozoology Abstracts (Microbiology C)

Fujita, Mrihis; Umemura, Mariko; Yoko-O, Takehiko; Jigami,  
Yoshifumi

23/3, K/2 (Item 2 from file: 24)  
DIALOG(R) File 24: CSA Life Sciences Abstracts  
(c) 2010 CSA. All rts. reserv.

0002835313 IP ACCESSION NO: 6713846  
Glycosylphosphatidylinositol-anchored Proteins Are Required for the  
Transport of Detergent-resistant Microdomain-associated Membrane Proteins  
Tat2p and Fur4p

Okamoto, Mchiyo; Yoko-o, Takehiko; Umemura, Mariko; Nakayama,  
Ken-ichi; Jigami, Yoshifumi  
Research Center for Glycoscience, National Institute of Advanced Industrial  
Science and Technology (AIST), Tsukuba Central 6, Tsukuba, Ibaraki  
305-8566, Japan

Journal of Biological Chemistry, v 281, n 7, p 4013-4023, February 2006  
PUBLICATION DATE: 2006

PUBLISHER: American Society for Biochemistry and Molecular Biology, 9650  
Rockville Pike Bethesda MD 20814-3996 USA, [mailto:asbmb@asbmb.faseb.org],  
[URL: http://www.jbc.org]

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 0021-9258

ELECTRONIC ISSN: 1083-351X

FILE SEGMENT: Genetics Abstracts

Okamoto, Mchiyo; Yoko-o, Takehiko; Umemura, Mariko; Nakayama,  
Ken-ichi; Jigami, Yoshifumi

23/3, K/3 (Item 1 from file: 143)  
DIALOG(R) File 143: Biol. & Agric. Index  
(c) 2010 The HWWilson Co. All rts. reserv.

1789247 H.W WILSON RECORD NUMBER: BBAI 04145299  
D88A mutant of cytochrome P450nor provides kinetic evidence for direct  
complex formation with electron donor NADH  
Umemura, Mariko  
Su, Fei; Takaya, Naoki

European Journal of Biochemistry v. 271 no14 (July 2004) p. 2887-94  
ISSN: 0014-2956

Umemura, Mariko

23/3, K/4 (Item 2 from file: 143)  
DIALOG(R) File 143: Biol. & Agric. Index  
(c) 2010 The HW Wilson Co. All rts. reserv.

1673268 H. W. WILSON RECORD NUMBER: BBAI 03139627  
GWT1 Gene Is Required for Inositol Acylation of  
Glycosylphosphatidylinositol Anchors in Yeast  
Umemura, Mariko  
Okamoto, Mchiyo; Nakayama, Ken-ichi  
The Journal of Biological Chemistry v. 278 no26 (June 27 2003) p. 23639-47  
DOCUMENT TYPE: Feature Article ISSN: 0021-9258

Umemura, Mariko

23/3, K/5 (Item 1 from file: 399)  
DIALOG(R) File 399: CA SEARCH(R)  
(c) 2010 American Chemical Society. All rts. reserv.

149349965 CA: 149(16)349965h PATENT  
Glycosyl-inositolphosphorylceramide-anchored protein (GIPC-AP) synthetic  
enzyme and use for synthesis of ceramide added GPI-anchored protein  
INVENTOR(AUTHOR): Yokoo, Takehiko; Umemura, Mariko; Jigami, Yoshifumi;  
Fujita, Morihsa  
LOCATION: Japan,  
ASSIGNEE: National Institute of Advanced Industrial Science & Technology  
PATENT: Japan Kokai Tokkyo Koho ; JP 2008220328 A DATE: 20080925  
APPLICATION: JP 200766897 (20070315)  
PAGES: 40pp. CODEN: JKXXAF LANGUAGE: Japanese  
PATENT CLASSIFICATIONS:

IPC/8 + Level	Value	Position	Status	Version	Action	Source	Office:
C12N-0015/09	A	I F B	20060101	20080829	H	JP	
C12N-0001/19	A	I L B	20060101	20080829	H	JP	
C12N-0009/00	A	I L B	20060101	20080829	H	JP	
C07K-0014/395	A	I L B	20060101	20080829	H	JP	
C12P-0021/02	A	I L B	20060101	20080829	H	JP	
C12P-0013/02	A	I L B	20060101	20080829	H	JP	
C12Q-0001/68	A	I L B	20060101	20080829	H	JP	
A23L-0001/30	A	N L B	20060101	20080829	H	JP	

23/3, K/6 (Item 2 from file: 399)  
DIALOG(R) File 399: CA SEARCH(R)  
(c) 2010 American Chemical Society. All rts. reserv.

148277841 CA: 148(13)277841u PATENT  
cDNA, DNA and protein sequences of human and yeast PER1 proteins and the  
use of the proteins for drug screening  
INVENTOR(AUTHOR): Jigami, Yoshifumi; Yokoo, Takehiko; Umemura, Mariko;  
Fujita, Morihsa  
LOCATION: Japan,  
ASSIGNEE: National Institute of Advanced Industrial Science & Technology  
PATENT: Japan Kokai Tokkyo Koho ; JP 200843234 A DATE: 20080228  
APPLICATION: JP 2006220491 (20060811)  
PAGES: 27pp. CODEN: JKXXAF LANGUAGE: Japanese  
PATENT CLASSIFICATIONS:

IPC/8 + Level	Value	Position	Status	Version	Action	Source	Office:
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10536935.txt

C12N-0015/09	A	I	F	B	20060101	20080201	H	JP
C12N-0009/18	A	I	L	B	20060101	20080201	H	JP
C12N-0001/15	A	I	L	B	20060101	20080201	H	JP
C12N-0001/19	A	I	L	B	20060101	20080201	H	JP
C12N-0001/21	A	I	L	B	20060101	20080201	H	JP
C12N-0005/10	A	I	L	B	20060101	20080201	H	JP
C12Q-0001/02	A	I	L	B	20060101	20080201	H	JP
C07K-0016/40	A	I	L	B	20060101	20080201	H	JP
C12P-0021/02	A	I	L	B	20060101	20080201	H	JP
G01N-0033/50	A	I	L	B	20060101	20080201	H	JP
G01N-0033/53	A	I	L	B	20060101	20080201	H	JP
G01N-0033/15	A	I	L	B	20060101	20080201	H	JP

23/3, K/7 (Item 3 from file: 399)  
 DI ALOG(R) File 399: CA SEARCH(R)  
 (c) 2010 American Chemical Society. All rights reserved.

148116493 CA: 148(6)116493s JOURNAL  
*Saccharomyces cerevisiae* CW43 is involved in the remodeling of the lipid moiety of GPI anchors to ceramides  
 AUTHOR(S): Uremura, Mariko; Fujita, Mrihis; Yoko-o, Takehi ko; Fukami zu, Akiyoshi; Jigami, Yoshifumi  
 LOCATION: Research Institute for Cell Engineering, National Institute of Advanced Industrial Science and Technology, Ibaraki, Japan, 305-8566  
 JOURNAL: *Mol. Biol. Cell (Molecular Biology of the Cell)* DATE: 2007  
 VOLUME: 18 NUMBER: 11 PAGES: 4304-4316 CODEN: MBCEEV ISSN: 1059-1524  
 LANGUAGE: English PUBLISHER: American Society for Cell Biology

23/3, K/8 (Item 4 from file: 399)  
 DI ALOG(R) File 399: CA SEARCH(R)  
 (c) 2010 American Chemical Society. All rights reserved.

146354371 CA: 146(18)354371d JOURNAL  
 PER1 is required for GPI-phospholipase A2 activity and involved in lipid remodeling of GPI-anchored proteins  
 AUTHOR(S): Fujita, Mrihis; Uremura, Mariko; Yoko-o, Takehi ko; Jigami, Yoshifumi  
 LOCATION: Research Center for Glycoscience, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba, Ibaraki, Japan, 305-8566  
 JOURNAL: *Mol. Biol. Cell (Molecular Biology of the Cell)* DATE: 2006  
 VOLUME: 17 NUMBER: 12 PAGES: 5253-5264 CODEN: MBCEEV ISSN: 1059-1524  
 LANGUAGE: English PUBLISHER: American Society for Cell Biology

23/3, K/9 (Item 5 from file: 399)  
 DI ALOG(R) File 399: CA SEARCH(R)  
 (c) 2010 American Chemical Society. All rights reserved.

141035948 CA: 141(3)35948x PATENT  
 Method for screening compound inhibiting enzymatic activity of GWT1 gene product  
 INVENTOR(AUTHOR): Tsukahara, Kappei; Tsuchiya, Mami ko; Jigami, Yoshifumi; Nakayama, Kenichi; Uremura, Mariko; Okamoto, Mchiyo  
 LOCATION: Japan,  
 ASSIGNEE: Eisai Co., Ltd.; National Institute of Advanced Industrial Science and Technology  
 PATENT: PCT International ; WO 200448604 A1 DATE: 20040610  
 APPLICATION: WO 2003JP14909 (20031121) \*JP 2002339418 (20021122)  
 PAGES: 94 pp. CODEN: PIXXD2 LANGUAGE: Japanese  
 PATENT CLASSIFICATIONS:

10536935.txt

CLASS: C12Q-001/02A; G01N-033/50B; G01N-033/15B; C12N-015/55B  
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;  
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;  
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KR; KZ; LC; LK; LR; LS; LT;  
LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO;  
RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC;  
VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; SD; SL;  
SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH;  
CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE;  
SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG  
? e au=okamoto, michiyo

Ref	Items	Index-term
E1	4	AU=OKAMOTO, M CHI TOSHI
E2	5	AU=OKAMOTO, M CHI YA
E3	18	*AU=OKAMOTO, M CHI YO
E4	3	AU=OKAMOTO, M DORI
E5	9	AU=OKAMOTO, M E
E6	44	AU=OKAMOTO, M EKO
E7	29	AU=OKAMOTO, M HO
E8	2	AU=OKAMOTO, M HOJI
E9	2	AU=OKAMOTO, M HOKO
E10	1	AU=OKAMOTO, M HOZI
E11	166	AU=OKAMOTO, M KA
E12	22	AU=OKAMOTO, M KAKO

Enter P or PAGE for more

? s e3  
S24 18 AU='OKAMOTO, M CHI YO  
? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S25 11 RD (unique items)

? t s25/3, k/1-11

>>>KW C option is not available in file(s): 399

25/3, K/1 (Item 1 from file: 24)  
DI ALOG(R) File 24: CSA Life Sciences Abstracts  
(c) 2010 CSA. All rts. reserv.

0004079954 IP ACCESSION NO: 12494394  
The Cytoplasmic Region of -1,6-Mannosyltransferase Mnn9p Is Crucial for  
Retrograde Transport from the Golgi Apparatus to the Endoplasmic Reticulum  
in *Saccharomyces cerevisiae*,

Okamoto, M chiyo; Yoko-o, Takehi ko; Myakawa, Toki chi; Jigami,  
Yoshifumi  
Research Institute for Cell Engineering, National Institute of Advanced  
Industrial Science and Technology (AIST), Tsukuba 305-8566, Japan,  
[mailto:t.yoko-o@aist.go.jp]

Eukaryotic Cell, v 7, n 2, p 310-318, February, 2008  
PUBLICATION DATE: 2008

PUBLISHER: American Society for Microbiology, 1752 N Street N.W  
Washington, DC 20036 USA

DOCUMENT TYPE: Journal Article  
RECORD TYPE: Abstract

10536935.txt

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 1535-9786

FILE SEGMENT: Al g o l o g y, M y c o l o g y & P r o t o z o o l o g y A b s t r a c t s ( M c r o b i o l o g y C)

Okamoto, M chi yo; Yoko-o, Takehi ko; Myakawa, Toki chi; J i g a m i ,  
Yoshi fum

25/3, K/2 (Item 2 from file: 24)  
DIALOG(R) File 24: CSA Life Sciences Abstracts  
(c) 2010 CSA. All rts. reserv.

0003180954 I P ACCESSI ON NO: 8036967  
The Cytoplasmic Region of alpha -1,6-Mannosyltransferase Mnn9p Is Crucial  
for Retrograde Transport from the Golgi Apparatus to the Endoplasmic  
Reticulum in *Saccharomyces cerevisiae*

Okamoto, M chi yo; Yoko-o, Takehi ko; Myakawa, Toki chi; J i g a m i ,  
Yoshi fum  
Research Institute for Cell Engineering, National Institute of Advanced  
Industrial Science and Technology (AIST), Tsukuba 305-8566, Japan.  
Department of Molecular Biotechnology, Graduate School of Advanced Sciences  
of Matter, Hiroshima University, Higashi-Hiroshima 739-8530, Japan

Eukaryotic Cell, v 7, n 2, p 310-318, February 2008  
PUBLICATION DATE: 2008

PUBLISHER: American Society for Microbiology, 1752 N Street N.W  
Washington, DC 20036 USA, [URL: <http://www.asm.org/>]

DOCUMENT TYPE: Journal Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English  
ISSN: 1535-9778  
ELECTRONIC ISSN: 1535-9786  
FILE SEGMENT: Al g o l o g y, M y c o l o g y & P r o t o z o o l o g y A b s t r a c t s ( M c r o b i o l o g y C)

Okamoto, M chi yo; Yoko-o, Takehi ko; Myakawa, Toki chi; J i g a m i ,  
Yoshi fum

25/3, K/3 (Item 3 from file: 24)  
DIALOG(R) File 24: CSA Life Sciences Abstracts  
(c) 2010 CSA. All rts. reserv.

0002835313 I P ACCESSI ON NO: 6713846  
Glycosylphosphatidylinositol-anchored Proteins Are Required for the  
Transport of Detergent-resistant Microdomain-associated Membrane Proteins  
Tat2p and Fur4p

Okamoto, M chi yo; Yoko-o, Takehi ko; Umemura, Mariko; Nakayama,  
Ken-ichi; J i g a m i , Yoshi fum  
Research Center for Glycoscience, National Institute of Advanced Industrial  
Science and Technology (AIST), Tsukuba Central 6, Tsukuba, Ibaraki  
305-8566, Japan

Journal of Biological Chemistry, v 281, n 7, p 4013-4023, February 2006  
PUBLICATION DATE: 2006

PUBLISHER: American Society for Biochemistry and Molecular Biology, 9650  
Rockville Pike Bethesda MD 20814-3996 USA, [mailto: [asbmb@asbmb.faseb.org](mailto:asbmb@asbmb.faseb.org)],

[ URL: <http://www.jbc.org>]

DOCUMENT TYPE: Journal Article  
 RECORD TYPE: Abstract  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English  
 ISSN: 0021-9258  
 ELECTRONIC ISSN: 1083-351X  
 FILE SEGMENT: Genetics Abstracts

Okamoto, M chi yo; Yoko-o, Takehi ko; Umemura, Mar i ko; Nakayama,  
 Ken-i chi; Ji gami, Yoshi fum

25/3, K/4 (Item 4 from file: 24)  
 DIALOG(R) File 24: CSA Life Sciences Abstracts  
 (c) 2010 CSA. All rts. reserv.

0002668384 IP ACCESSION NO: 6098645  
 GPI 7 Involved in Glycosylphosphatidylinositol Biosynthesis Is Essential for  
 Yeast Cell Separation

Fujita, Mri hi sa; Yoko-O, Takehi ko; Okamoto, M chi yo; Ji gami,  
 Yoshi fum  
 Research Center for Glycoscience, National Institute of Advanced Industrial  
 Science and Technology (AIST), Tsukuba, Ibaraki 305-8566 and the Institute  
 of Biological Sciences, University of Tsukuba, Tsukuba, Ibaraki 305-8572,  
 Japan

Journal of Biological Chemistry, v 279, n 50, p 51869-51879, December 10,  
 2004  
 PUBLICATION DATE: 2004

PUBLISHER: American Society for Biochemistry and Molecular Biology, 9650  
 Rockville Pike Bethesda MD 20814-3996 USA, [mailto:asbmb@asbmb.faseb.org],  
 [ URL: <http://www.jbc.org>]

DOCUMENT TYPE: Journal Article  
 RECORD TYPE: Abstract  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English  
 ISSN: 0021-9258  
 ELECTRONIC ISSN: 1083-351X  
 FILE SEGMENT: Genetics Abstracts; Al gology, Mycol ogy & Prot ozoology  
 Abstracts (M crobiology C)

Fujita, Mri hi sa; Yoko-O, Takehi ko; Okamoto, M chi yo; Ji gami,  
 Yoshi fum

25/3, K/5 (Item 1 from file: 143)  
 DIALOG(R) File 143: Biol. & Agric. Index  
 (c) 2010 The HWWilson Co. All rts. reserv.

1673584 H. W. WILSON RECORD NUMBER: BBAI 03141313  
 Salt Stress Induces the Expression of Schizosaccharomyces pombe och1+,  
 Which Encodes an Initiation-specific  $\alpha$ -1,6-Mannosyltransferase for  
 N-Linked Outer Chain Synthesis of Cell Wall Mannoproteins  
 Yamamoto, Kat suyoshi  
 Okamoto, M chi yo; Yoko-o, Takehi ko  
 Bioscience, Biotechnology, and Biochemistry v. 67 no4 (Apr. 2003) p. 927-9  
 DOCUMENT TYPE: Feature Article ISSN: 0916-8451

Okamoto, M chi yo...

25/3, K/6 (Item 2 from file: 143)  
 DIALOG(R) File 143: Biol. & Agric. Index  
 (c) 2010 The HWWilson Co. All rts. reserv.

1673268 H.W WILSON RECORD NUMBER: BBAI 03139627  
 GWT1 Gene Is Required for Inositol Acylation of  
 Glycosylphosphatidylinositol Anchors in Yeast  
 Umemura, Mariko  
 Okamoto, M chi yo; Nakayama, Ken-ichi  
 The Journal of Biological Chemistry v. 278 no26 (June 27 2003) p. 23639-47  
 DOCUMENT TYPE: Feature Article ISSN: 0021-9258

Okamoto, M chi yo...

25/3, K/7 (Item 1 from file: 393)  
 DIALOG(R) File 393: Beilstein Database - Abstracts  
 (c) 2008 Beilstein GmbH. All rts. reserv.

Beilstein Abstract Id: 6422256  
 Title: Salt Stress Induces the Expression of Schizosaccharomyces pombe  
 och1 +, Which Encodes an Initiation-specific alpha  
 -16-Mannosyltransferase for N-Linked Outer Chain Synthesis of  
 Cell Wall Mannoproteins  
 Document Type: Journal Record Type: Abstract  
 Author: Yamamoto, Kat suyoshi; Okamoto, M chi yo; Yoko-o, Takehi ko;  
 Jigami, Yoshi fum  
 Citation: Biosci. Biotechnol. Biochem (2003) Series: 67-4, 927 - 929  
 CODEN: BBBI EJ Language: English  
 Abstract Language: English  
 Author: Yamamoto, Kat suyoshi; Okamoto, M chi yo; Yoko-o, Takehi ko;  
 Jigami, Yoshi fum

25/3, K/8 (Item 1 from file: 399)  
 DIALOG(R) File 399: CA SEARCH(R)  
 (c) 2010 American Chemical Society. All rts. reserv.

149492678 CA: 149(22)492678x PATENT  
 Easily-soluble sweetener granules containing sugar alcohols and  
 water-soluble polysaccharides  
 INVENTOR(AUTHOR): Shodo, Tadayoshi; Okamoto, M chi yo  
 LOCATION: Japan,  
 ASSIGNEE: Hamada Shokuhin Kogyo K. K.  
 PATENT: Japan Kokai Tokkyo Koho; JP 2008263864 A DATE: 20081106  
 APPLICATION: JP 2007111765 (20070420)  
 PAGES: 9pp. CODEN: JKXXAF LANGUAGE: Japanese  
 PATENT CLASSIFICATIONS:  
 IPC/8 + Level Value Position Status Version Action Source Office:  
 A23L-0001/22 A I F B 20060101 20081010 H JP  
 A23L-0001/236 A I L B 20060101 20081010 H JP

25/3, K/9 (Item 2 from file: 399)  
 DIALOG(R) File 399: CA SEARCH(R)  
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144464092 CA: 144(25)464092e JOURNAL  
 Involvement of calcineurin-dependent degradation of Yap1p in Ca2+-induced  
 Page 32



10536935.txt

G2 cell-cycle regulation in *Saccharomyces cerevisiae*

AUTHOR(S): Yokoyama, Hiroshi; Mizunuma, Masaki; Okamoto, Mchiyo;  
Yamamoto, Josuke; Hirata, Dai; Miyakawa, Tokichi

LOCATION: Department of Molecular Biotechnology, Graduate School of  
Advanced Sciences of Matter, Hiroshima University, Higashi-Hiroshima, Japan  
, 739-8530

JOURNAL: EMBO Rep. (EMBO Reports) DATE: 2006 VOLUME: 7 NUMBER: 5

PAGES: 519-524 CODEN: ERMEAX ISSN: 1469-221X LANGUAGE: English

PUBLISHER: Nature Publishing Group

25/3, K/10 (Item 3 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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141035948 CA: 141(3)35948x PATENT

Method for screening compound inhibiting enzymatic activity of GWT1 gene  
product

INVENTOR(AUTHOR): Tsukahara, Kappei; Tsuchiya, Mamiko; Jigami, Yoshifumi;  
Nakayama, Kenichi; Umemura, Mariko; Okamoto, Mchiyo

LOCATION: Japan,

ASSIGNEE: Eisai Co., Ltd.; National Institute of Advanced Industrial  
Science and Technology

PATENT: PCT International ; WO 200448604 A1 DATE: 20040610

APPLICATION: WO 2003JP14909 (20031121) \*JP 2002339418 (20021122)

PAGES: 94 pp. CODEN: PIXXD2 LANGUAGE: Japanese

PATENT CLASSIFICATIONS:

CLASS: C12Q 001/02A; G01N 033/50B; G01N 033/15B; C12N 015/55B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;  
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;  
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KR; KZ; LC; LK; LR; LS; LT;  
LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NI; NO; NZ; OM; PG; PH; PL; PT; RO;  
RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC;  
VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; SD; SL;  
SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH;  
CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE;  
SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

25/3, K/11 (Item 4 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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139128956 CA: 139(9)128956x JOURNAL

Salt stress induces the expression of *Schizosaccharomyces pombe* och1+,  
which encodes an initiation-specific  $\alpha$ -1,6-mannosyltransferase for  
N-linked outer chain synthesis of cell wall mannoproteins

AUTHOR(S): Yamamoto, Katsuyoshi; Okamoto, Mchiyo; Yoko-o, Takehiko;  
Jigami, Yoshifumi

LOCATION: Institute of Biological Science, University of Tsukuba, Ibaraki  
, Japan, 305-8577

JOURNAL: Biosci., Biotechnol., Biochem. (Bioscience, Biotechnology, and  
Biochemistry) DATE: 2003 VOLUME: 67 NUMBER: 4 PAGES: 927-929 CODEN:  
BBBI EJ ISSN: 0916-8451 LANGUAGE: English PUBLISHER: Japan Society for  
Bioscience, Biotechnology, and Agrochemistry

? s glycosylphosphatidylinositol AND ((Acylation (w) Glucosamyl  
Phosphatidylinositol) OR (Glucosamyl (acyl)phosphatidylinositol) OR (GlcN(acyl)PI))

36877 GLYCOSYLPHOSPHATIDYLINOSITOL

202984 ACYLATION

26 GLUCOSAMYL PHOSPHATIDYLINOSITOL

1 ACYLATION (w) GLUCOSAMYL PHOSPHATIDYLINOSITOL

2 GLUCOSAMYL (ACYL) PHOSPHATIDYLINOSITOL

0 GLCN(ACYL)PI

10536935.txt  
S26 2 GLYCOSYLPHOSPHATIDYLI NOSITOL AND ((ACYLATION (W  
GLUCOSAMINYL PHOSPHATIDYLI NOSITOL) OR  
(GLUCOSAMINYL(ACYL) PHOSPHATIDYLI NOSITOL) OR  
(GLCN(ACYL)PI))

? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S27 2 RD (unique items)

? t s27/3, k/1-2

>>>KW C option is not available in file(s): 399

27/3, K/1 (Item 1 from file: 5)  
DIALOG(R) File 5: Biosis Previews(R)  
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13791547 BIOSIS NO.: 199799425607  
Accumulation of glucosaminyl(acyl)phosphatidylinositol in an S3 HeLa  
subline expressing normal dolicholphosphomannose synthase activity  
AUTHOR: Sevliver Daniel (Reprint); Schiemann Dylan; Guidubaldi Johnh; Medof  
M Edward; Rosenberry Terrone L  
AUTHOR ADDRESS: Dep. Res., Mayo Clin. Jacksonville, 4500 San Pablo Rd.,  
Jacksonville, FL 32224, USA\*\*USA  
JOURNAL: Biochemical Journal 321 (3): p837-844 1997 1997  
ISSN: 0264-6021  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

ABSTRACT: Glucosaminyl(acyl)phosphatidylinositol (GlcN(acyl)PI), the third  
intermediate in the mammalian glycosylphosphatidylinositol (GPI)  
anchor pathway, is undetectable in most cells. This intermediate was  
previously shown to accumulate...

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS:

MISCELLANEOUS TERMS: ... GLUCOSAMINYL(ACYL) PHOSPHATIDYLI NOSITOL

CONCEPT CODES:

27/3, K/2 (Item 1 from file: 34)  
DIALOG(R) File 34: Sci Search(R) Cited Ref Sci  
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09798717 Genuine Article#: 451LN No. References: 52  
Title: Specificity of GlcNAc-PI de-N-acetylase of GPI biosynthesis and  
synthesis of parasite-specific suicide substrate inhibitors  
Author: Smith TK; Grossman A; Borissow CN; Paterson MJ; Dix A; Brimacombe  
JS; Ferguson MAJ (REPRINT)  
Corporate Source: Univ Dundee, Sch Life Sci, Div Biol Chem & Mol  
Microbiol, Dundee DD1 5EH/ Scotland/ (REPRINT); Univ Dundee, Sch Life Sci  
, Div Biol Chem & Mol Microbiol, Dundee DD1 5EH/ Scotland/  
Journal: EMBO JOURNAL, 2001, V20, N13 (JUL 2), P3322-3332  
ISSN: 0261-4189 Publication Date: 20010702  
Publisher: OXFORD UNIV PRESS, GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND  
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

... Descriptors: de-N-acetylase; glycosylphosphatidylinositol;  
mannosyltransferase; suicide inhibition; Trypanosoma brucei  
... Identifiers: GLYCOSYLPHOSPHATIDYLI NOSITOL-ANCHOR BIOSYNTHESIS;

10536935.txt

PHOSPHATI DYLI NOSI TOL MEMBRANE ANCHORS; VARI ANT SURFACE GLYCOPROTEI N;  
AFRI CAN SLEEPING SI CKNESS; TRY PANOSOMA- BRUCEI ; I NOSI TOL- ACYLATI ON  
; GLUCOSAM NYL PHOSPHATI DYLI NOSI TOL; PLASMODI UM FALCI PARUM;  
LEI SHMANI A- MEXI CANA; TOXOPLASMA- GONDI I

? ds

Set	Items	Description
S1	26	AU=' HATA, KATSURA'
S2	23	RD (uni que i tems)
S3	83	AU=' TSUKAHARA, KAPPEI '
S4	77	RD (uni que i tems)
S5	11	AU=' TSUCHI YA, MAM KO
S6	2	' D C ORANGE 17'
S7	11	AU=' TSUCHI YA, MAM KO
S8	10	RD (uni que i tems)
S9	288	E1- E6
S10	215	RD (uni que i tems)
S11	0	S10 AND ?I NOSI TOL?
S12	0	E1- E6 AND ( GMT)
S13	288	E1- E6
S14	146	S13 AND ( CEREVI S?)
S15	111	S14 AND ( FUNG? OR YEAST)
S16	88	RD (uni que i tems)
S17	165	AU=' NAKAYAMA, KENI CHI '
S18	157	RD (uni que i tems)
S19	0	S18 AND ( GMT)
S20	12	S18 AND ( FUNG? OR CEREVI S?)
S21	12	RD (uni que i tems)
S22	14	AU=' UMEMURA, MARI KO
S23	9	RD (uni que i tems)
S24	18	AU=' OKAMOTO, M CHI YO
S25	11	RD (uni que i tems)
S26	2	GLYCOSYLPHOSPHATI DYLI NOSI TOL AND (( ACYLATI ON ( W GLUCOSAM - NYL PHOSPHATI DYLI NOSI TOL) OR ( GLUCOSAM NYL( ACYL) PHOSPHATI DYLI - NOSI TOL) OR ( GLON( ACYL) PI ))
S27	2	RD (uni que i tems)